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(54) Title: METHOD OF CLASSIFYING CHEMICAL AGENTS AND IDENTIFYING CELLULAR TARGETS THEREOF

(57) Abstract: The present invention is in the field of characterization of antibiotic compounds, e.g. such as compounds useful for treating pathogenic infections in mammals and identification of cellular targets thereof. The invention further relates to a method of classifying antibiotic compounds, to methods for determining their modes of action and for identifying new antibiotic targets based on classification schemes comprising clustering according to similarity the biochemical response profiles (e.g. gene expression pattern) of an organism exposed to said compounds, for a period of less than one generation time.

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